

Amendments to the Claims

1. (Currently amended) A method for providing real-time service provisioning at a customer premises equipment, the method comprising:

receiving an incoming call to the customer premises equipment at a switch in a carrier network, and responsively sending a query for call handling instructions from the switch to a service control node in the carrier network;

transmitting a message comprising providing one or more choices corresponding to handling of the incoming call from the carrier network for selection [[to]] at the customer premises equipment in response to receipt of the query for call handling instructions at the service control node;

receiving [[a]] response at the carrier network corresponding to the one or more choices in the transmitted message at the service control node an indication of a choice selected at the customer premises equipment, and providing a response to the query from the service control node to the switch, wherein the response to the query includes call handling instructions corresponding to the selected choice; and

processing the incoming call at the carrier network switch according to the received response received from the service control node.

2. (Original) The method of claim 1 further comprising:
providing call information at the customer premises equipment.

3. (Currently amended) The method of claim 1 further comprising:
selecting one of the one or more choices at the customer premises equipment, wherein the selection of one of the one or more choices generates [[the]] a response message from the customer premises equipment, the response message including the indication of the selected choice.

4. (Currently amended) The method of claim 1 wherein processing the incoming call corresponds to ~~the response selected from the group consisting~~ [[of]] connecting the call to the customer premises equipment, forwarding the call to voice mail, [[and]] or forwarding the call to a third party.

5. (Currently amended) The method of claim 1 wherein providing one or more choices at the customer premises equipment is provided by a short message service (SMS) message.

6. (Currently amended) The method of claim 1 wherein the customer premises equipment is a mobile telephone, a personal digital assistant (PDA), a pager, or other hand-held wireless device.

7. (Currently amended) A method for providing real-time service provisioning, the method comprising:

receiving at a mobile switching center an incoming call from a first mobile station to a second mobile station, and responsively sending a query for call handling instructions from the mobile switching center to a service control node;

querying for processing instructions in response to the received call[[:]]

providing a message comprising one or more choices corresponding to handling of the incoming call for selection at [[a]] the second mobile station in response to receipt of the query for call handling instructions at the service control node corresponding to the processing of the incoming call;

receiving a response from the second mobile station corresponding to a selected choice of the provided message comprising one or more choices at the service control node an indication of a choice selected at the second mobile station, and formulating a response to the query according to the selected choice;

and

responding transmitting the response to the query from the service control node to the mobile switching center, wherein the response includes instructions for handling the incoming call at the mobile switching center, the instructions corresponding to the selected choice by providing processing instructions according to the received response.

8. (Currently amended) The method of claim [[8]] 7 wherein providing one or more choices at the second mobile station [[is]]-provided-by comprises:

pushing a short message service (SMS) message to the second mobile station, the SMS message including the one or more choices.

9. (Cancelled)

10. (Currently amended) The method of claim [[8]] 7 wherein providing one or more choices at the second mobile station comprises:

a web-server provides providing one or more choices at the second mobile station.

11. (Currently amended) The method of claim [[8]] 7 wherein receiving at the service control node an indication of a choice selected at the second mobile station comprises:

a web-server receives a response from the second mobile station receiving the choice selected at the second mobile station and sending the selected choice to the service control node.

12. (Currently amended) The method of claim [[8]] 7 wherein the service control node is a service control point (SCP) responds to the query by providing message instructions according to the received response.

13. (Currently amended) A system for providing service provisioning in real time, the system comprises comprising:

a ~~first call processing entity~~ mobile switching center for receiving an incoming call from a first mobile station to a second mobile station, and for ~~querying for processing instructions~~ sending a query for call processing instructions in response to the received call;

~~a second call processing entity~~ service control node for receiving the query for call processing instructions from the mobile switching center and for pushing information corresponding to the received call into the Internet domain in response to receipt of the query;

a web-server for receiving the information in the Internet domain from the service control node and (i) for providing one or more choices ~~at a second mobile station~~ corresponding to [[the]] processing of the incoming call for selection at the second mobile station, [[and]] (ii) for receiving [[a]] response from the second mobile station ~~corresponding to an indication of a selected choice selected from~~ [[of]] the ~~provided~~ one or more choices, and (iii) for providing the indication of the selected choice to the service control node; and

wherein the ~~second call processing entity~~ service control node responds to the query by providing the mobile switching center with processing instructions according corresponding to the received response at the web server selected choice, and wherein the ~~first call processing entity~~ mobile switching center processes the received call in response according to the processing instructions.

14. (Cancelled)

15. (Currently amended) The system of claim 13 wherein the ~~second call processing entity~~ service control node is a service control point (SCP).

16. (Currently amended) The system of claim 13 wherein ~~second call processing entity can communicate~~ the service control node communicates with the web-server over an HTTP packet network.

17. (Currently amended) The system of claim 13 further comprising:
a second server; and
a ~~third~~ call processing entity in communication with the second server;
wherein the second server pushes an alert message containing the one or more choices via the ~~third~~ call processing entity to the ~~first call processing entity mobile switching center~~, and wherein the ~~first call processing entity mobile switching center~~ forwards the alert message to the second mobile station.

18. (Currently amended) The system of claim 17 wherein the ~~third~~ call processing entity is a short message service center (SMSC).